

Instruction Manual

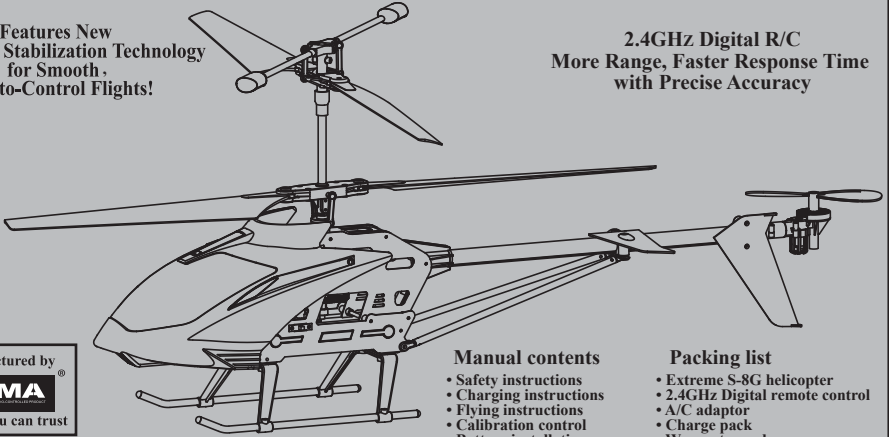


TAKE IT TO THE EXTREMETM **EXTREMETM S-8G 2.4GHz**

Metal Body ... Remote Control Outdoor Helicopter

Features New
Gyroscopic Stabilization Technology
for Smooth-
Easy-to-Control Flights!

2.4GHz Digital R/C
More Range, Faster Response Time
with Precise Accuracy



Open M-F 9-6 ... Sat 10-3 (EST)

Distributed and serviced by: *Extreme RC by RSI* ... Ferndale, MI 48220
Tel: (586) 757-1336 E-mail: Service@extremercbyrsi.com
Website: www.extremercbyrsi.com

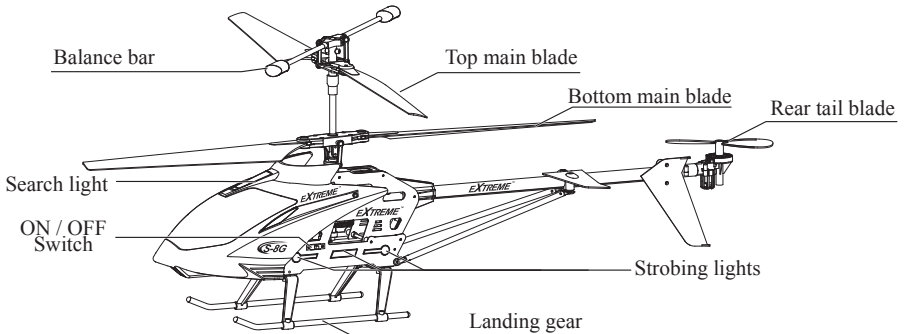
Manual contents

- Safety instructions
- Charging instructions
- Flying instructions
- Calibration control
- Battery installation
- Part list
- Troubleshooting
- Service department hours

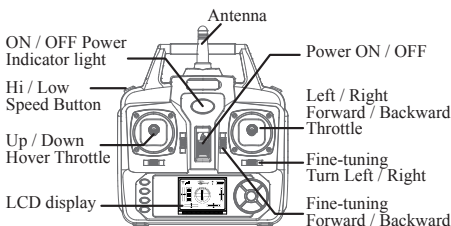
Packing list

- Extreme S-8G helicopter
- 2.4GHz Digital remote control
- A/C adaptor
- Charge pack
- Warranty card
- Instruction manual
- Spare main and tail blades
- Screwdriver

Read the entire user's manual before operation.
Save manual for future reference.



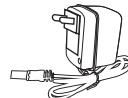
2.4GHz DIGITAL REMOTE CONTROL



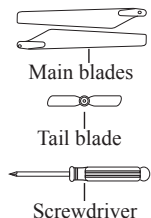
CHARGE PACK



A/C ADAPTOR



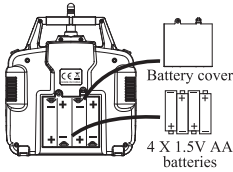
SPARE PARTS



PREPARING THE REMOTE CONTROLLER

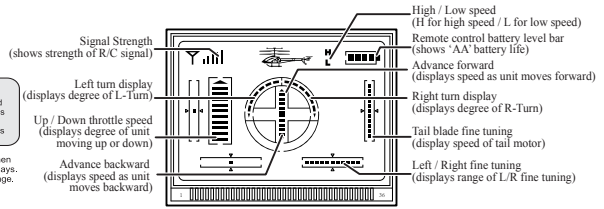
REMOTE CONTROL LCD DISPLAY

1. Remove the screw on the back of the remote controller.
2. Remove the back cover of the remote controller and install (4) AA batteries (not included) into the back of the remote (Figure 2).
3. Replace back cover and reinstall the screw.



NOTE:
Please ensure the negative and positive terminals of the batteries are correctly installed.
Do not mix old and new batteries.

Please remove 'AA' batteries when not using remote control for 30+ days. Batteries may leak causing damage.



FRESH ALKALINE BATTERIES STRONGLY RECOMMENDED

LI-ION BATTERIES CAN BE DANGEROUS

Failure to read and follow the below instructions may result in fire, personal injury and damage to property if charged or used improperly.

CHARGING INSTRUCTIONS

1. Be sure the helicopter power switch is in the OFF position.
2. Connect the cable ends to the charging case and the adaptor.
3. Plug the adaptor into a power outlet.
4. After charging, put away charge-pack and A/C charger for safe keeping.

- Red light: shows A/C adapter is plugged in
- Red On / Green On: charging battery
- Red On / Green Off: battery fully charged

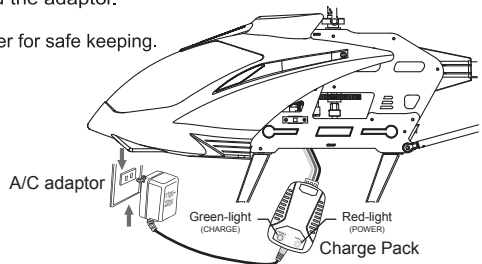
Charge time: up to 4 hours

CAUTION:

- Be sure that battery and charger poles are aligned correctly before charging.
- Gently insert the plug into the charging pack, and never use force.
- Use only the factory-supplied AC Charger, cords, and power pack.

WARNING:

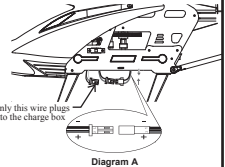
- Do not over-charge the battery – doing so will shorten battery life.
- Misusing or damaging helicopter battery may cause property damage or bodily harm.



Once Fully Charged

- (1) Disconnect the wire from the charging box.
- (2) Carefully connect the red / black wires underneath the fuselage, making sure that the positive and negative poles are aligned (Diagram A).
- (3) After charging, put away charge-pack and A/C charger for safe keeping.

If you will not be flying your helicopter for 24 hours or more, disconnect the red / black wire underneath the fuselage of the helicopter to prevent the battery from draining. See Diagram (A) for details.



PRE-FLIGHT ENVIRONMENT

1. Fly in moderate temperatures (50-80 F, 10-27 C).
2. Recommended outdoor flying area is 40' x 40' (12.1 x 12.1 Meters).
3. Avoid strong winds, which could blow away or damage your helicopter.
4. Do not fly near people, animals, homes, buildings, structures, water, mountains, overhead electrical or telephone wires.

**USE GOOD COMMON SENSE WHEN FLYING TO AVOID DAMAGE OR INJURY
NEVER TOUCH MOVING PARTS – MAY CAUSE INJURY**

FLIGHT PREPARATION

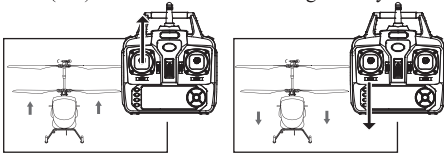
1. Turn helicopter power switch to "ON" position. Place helicopter on stable ground.
2. On your remote control, push the left control stick down, then up, then down again. This establishes a signal connection, which will cause the colored lights on the helicopter to flash.
3. Stand back at least 8 feet (2.4 meters) from the helicopter.
4. You are now ready to fly!

Since this is a 2.4GHz Remote Controller, you will hear several beeps when you turn on the helicopter and R/C. This means that the R/C is acquiring the best signal for maximum performance. Once found (within 5 seconds), you will enjoy true digital performance with fast response times and precise movements.

FLYING YOUR HELICOPTER

Hover up and down

Learn how to hover (fly in place) first – once you’ve mastered this operation, flying is easy. Once you can hover, try moving up and down with the throttle stick (left). Move the throttle stick gradually.



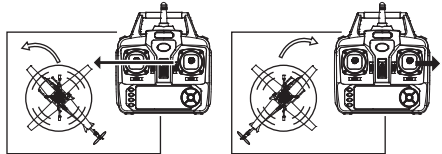
Forward

Push the right control throttle up - the nose of the helicopter will point downward, the tail motor will activate, and the helicopter will fly forward.



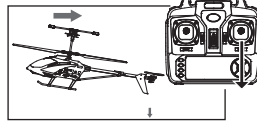
Turn counter - clockwise and clockwise

While hovering helicopter, push throttle stick left for counter-clockwise turns or right for clockwise turns.



Reverse

Pull right control throttle down - the nose of the helicopter will point upward, the tail motor will activate, and the helicopter will fly backward.



If the helicopter is turning excessively to the right or left, or moving forward or backward while hovering, the instruction guide below should help you resolve the problem.

RIGHT / LEFT CALIBRATION TRIM CONTROL



If helicopter rotates counter-clockwise...
push calibration control button right



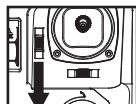
If helicopter rotates clockwise...
push calibration control button left



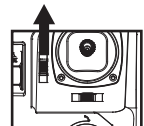
TAIL SPEED CALIBRATION TRIM CONTROL



If the helicopter is moving forward while hovering,
Adjust the R/C right button calibration trim control



If the helicopter is moving backward while hovering,
Adjust the R/C right button calibration trim control



PRECAUTIONS

1. Low battery power will shorten the controller's effective range.
2. Low battery power will lead to difficulties in taking off and ascending.
3. Immediately repair helicopter if there is any damage. Flying a damaged helicopter could cause injuries.
4. If you will not be flying your helicopter for 30 days or more, remove all 'AA' batteries to prevent harmful leakage.
5. Avoid crashing or dropping the helicopter on a hard surface, as this may damage the helicopter.
6. When preparing to fly, turn on the helicopter first - using the power switch on the model's fuselage. Then turn on the remote control.
7. When you are finished flying, turn off the remote control first, then turn off the helicopter.
8. Whenever possible, land on soft ground.

TROUBLESHOOTING AND REPLACEMENT PARTS

PROBLEMS	POSSIBLE CAUSES	SOLUTIONS
Transmitter does not power on	Transmitter is turned off	Turn transmitter on
	Batteries are improperly installed	Match the poles on the batteries (+/-) to the markings on the controller and reinstall
Controller failure (Model does not respond to controls)	Batteries are dead or dying	Replace with fresh batteries
	Transmitter has been switched off	Turn transmitter on
	The fuselage switch has been switched off	Turn the fuselage switch on
	Helicopter's red and black wires have become unplugged	Plug red and black wires back in
	Lights are flashing on the transmitter, indicating power loss	Gently land the helicopter and recharge the battery
Failure to ascend	Blades rotating too slowly	Push throttle stick farther up
	Fuselage batteries are dead or dying	Recharge batteries
Crash landing	Landing too fast	Slowly ease the throttle down to smooth out your landings

SPARE PARTS LIST



Head cover

#1



Fuselage housing

#2



Lower main frame

#3



Landing gear

#4



Main blades

#5



Rear tail blade

#6



Connecting buckles

#7



Upper blade assembly set

#8



Bottom blade connecting set

#9



Main motor drive gears

#10



Tail stabilizer with fin

#11



Balance bar

#12



Main motor large gear

#13



Main shaft with gear

#14



LED Search light with side LED lights

#15



LED side lights protective covers

#16



Metal side body assembly frame

#17



Motor housing cage protection

#18



Main motor shaft

#19



Outer metal tail pipe

#20



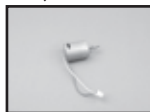
Tail structural support bars

#21



Tail motor housing assembly set

#22



Nose facing top right motor

#23



Nose facing top left motor

#24



Tail motor

#25



Battery Li- Poly

#26



Circuit board with ON/OFF switch

#27



2.4GHz digital remote control

#28



A/C adaptor

#29



Charge pack

#30

